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JOHN ASHCROFT
Governor

FREDERICK A. BRUNNER
Director



Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks and
Historic Preservation

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176
Jefferson City, MO 65102
314-751-3241

LABORATORY SERVICES PROGRAM
RESULT OF SAMPLE ANALYSIS

Sample No. 85-3210

Reported to: CHARLES KROEGER
Affiliation: SRO

Date: 7/23/85
Project Code: 3533/3000

Sample Description:
DUGAN & HELTERBRAND PROCESSED FILM CHIPS

Collected by: CHARLES KROEGER
Affiliation: SRO

Date: 07/08/85

PARAMETERS

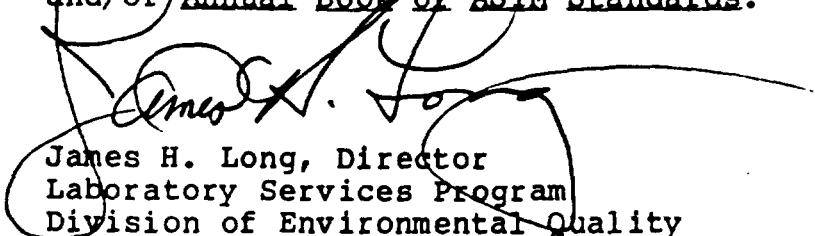
CYANIDE

RESULTS

115 UG CN/G

COMMENTS : ANALYZED BY ENVIRONMENTAL ANALYSIS

The analysis of this sample was performed in accordance with procedures as outlined in the latest edition of Standard Methods for the Examination of Water and Wastewater, EPA Manual of Methods for Chemical Analysis of Water and Wastes, and/or Annual Book of ASTM Standards.


James H. Long, Director
Laboratory Services Program
Division of Environmental Quality

cc: Joe Davis, WMP



S00048636
SUPERFUND RECORDS

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Springfield Regional Office
1155 East Cherokee Street
Springfield, MO 65807
417-883-4033

Sample #	Date	Description	CaSi	(Actual)	EA, l
85-3191	5-13-85	processed chips	51.5		55.5
85-3192	5-13-85	control #1	0.583	0.561	.346
85-3164	5-28-85	processed chips	193		208
85-3099	6-05-85	processed chips	160		152
85-3181	5-07-85	control #2	0.175	.185	.197
85-3187	6-10-85	processed chips	53		63.5
85-3204	6-18-85	processed chips	192		86.5
85-3205	5-07-85	control #3	0.414	.758	.561
85-3209	6-27-85	processed chips	128		131

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Jefferson City, MO 65102
314-751-3241

LABORATORY SERVICES PROGRAM
RESULT OF SAMPLE ANALYSIS

Sample No. 85-3216

Reported to: CHARLES L. WILLHITE
Affiliation: SRO

Date: 8/07/85
Project Code: 3533/3000

Sample Description:
DUGAN & HELTERBRAND, FILM CHIPS

Collected by: CHARLES L. WILLHITE
Affiliation: SRO

Date: 07/17/85

PARAMETERS

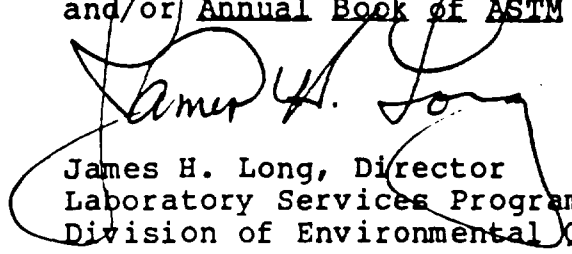
RESULTS

CYANIDE

130 UG CN/G

COMMENTS : ANALYZED BY ENVIRONMENTAL ANALYSIS, INC

The analysis of this sample was performed in accordance with procedures as outlined in the latest edition of Standard Methods for the Examination of Water and Wastewater, EPA Manual of Methods for Chemical Analysis of Water and Wastes, and/or Annual Book of ASTM Standards.


James H. Long, Director
Laboratory Services Program
Division of Environmental Quality

cc: Joe Davis, WMP

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Sample #	Date	Description	CaSi	(Actual)	EA, l
85-3191	5-13-85	processed chips	51.5		55.5
85-3192	5-13-85	control #1	0.583	0.561	.346
85-3164	5-28-85	processed chips	193		208
85-3099	6-05-85	processed chips	160		152
85-3181	5-07-85	control #2	0.175	.185	.197
85-3187	6-10-85	processed chips	53		63.5
85-3204	6-18-85	processed chips	192		86.5
85-3205	5-07-85	control #3	0.414	.758	.561
85-3209	6-27-85	processed chips	128		131
85-3210	7-8-85	processed chips	184		115
85-3216	7-17-85	processed chips	124		130



CONSULTING ANALYTICAL SERVICES INTERNATIONAL

2804 EAST BATTLEFIELD, SPRINGFIELD, MISSOURI 65804, 417-882-1017, 1018

CERTIFICATE OF ANALYSIS

Date July 19, 19 85

Name Dunan & Helterbrand

Address 190 George Street

City Marshfield, State Missouri 65706

SAMPLE DATE	SAMPLE DESCRIPTION PARAMETERS ANALYZED	RESULTS
7-17-85	Film Chips Split Sample w/MDNR #85-3216 11:30 a.m. CLW Cyanide, total	124 ppm

The above analyses were performed in accordance with accepted protocols as prescribed in:

- ☆ Standard Methods for the Examination of Water and Wastewater
- ☆ EPA Methods for Chemical Analysis of Water and Wastes
- ☆ EPA Sampling and Analysis Procedures for Screening Industrial Effluents for Priority Pollutants
- ☆ ASTM Standards
- ☆ AOAC Official Methods of Analysis
- ☆ FDA Bacteriological Analytical Manual
- ☆ EPA Test Methods for Evaluating Solid Waste — Physical/Chemical Methods
- ☆ EPA Methods of Organic Analysis

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